

U.S. Patent Application Serial No. 09/987,909
Response filed November 16, 2004
Reply to OA dated August 16, 2004

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1 (currently amended): An auxiliary device module comprising:
2 an auxiliary device;
3 a base board provided with said auxiliary device and a plurality of terminals each with a pair
4 of leading pressure contact blades with a predetermined shape;
5 a case in which said base board is mounted;
6 a connecting portion provided in said case and including at least one wire; and
7 a plurality of wire fixing portions hugging the at least one wire, with at least one of said wire
8 fixing portions including a pillar portion and a locking portion on the pillar portion;
9 wherein said terminals on the base board and said connecting portion in said case are
10 electrically connected ~~as a connector~~ by mounting said base board on the case;
11 wherein positioning portions ~~having~~ have a plurality of pressure contact receiving grooves
12 each being pre-formed with a complimentary shape as the predetermined shape of each of the pair
13 of leading pressure contact blades so as to accommodate each of the pair of leading pressure contact
14 blades; and
15 wherein said wire fixing portions extend upwardly from the receiving grooves.

1 Claim 2 (currently amended): The auxiliary device module according to claim 1, wherein
2 said terminals are pressure contact ~~type~~ terminals, wherein said at least one wire ~~said connecting~~
3 ~~portion includes~~ corresponds to a plurality of electric wires, wherein a pressure contact ~~type~~
4 connector provided with said pressure contact ~~type~~ terminals is mounted on said base board, wherein
5 said case is provided with a connector housing having said electric wires therein, wherein said
6 pressure contact connector is formed by press-fitting said base board into said case to connect said
7 pressure contact ~~type~~ terminals with said electric wires by pressure, wherein said positioning portions
8 include electric wire setting portions and pressure contact blade receiving grooves, wherein pressure
9 contact connecting of the terminal and the electric wires is done by leading pressure contact blades
10 of said pressure contact ~~type~~ terminals into said pressure contact blade receiving grooves.

1 Claim 3 (currently amended): The auxiliary device module according to claim 2, wherein
2 a pair of said pressure contact blades formed in said pressure contact ~~type~~ terminals are guided by
3 corner edges of said pressure contact blade receiving grooves.

1 Claim 4 (original): The auxiliary device module according to claim 1, wherein a camera
2 module is built with a car-mount type camera as said auxiliary device.

1 Claim 5 (original): The auxiliary device module according to claim 2, wherein a camera
2 module is built with a car-mount type camera as said auxiliary device.

1 Claim 6 (original): The auxiliary device module according to claim 3, wherein a camera
2 module is built with a car-mount type camera as said auxiliary device.

1 Claim 7 (currently amended): An auxiliary device module comprising:
2 an auxiliary device;
3 a base board provided with said auxiliary device and a plurality of terminals each with a pair
4 of leading pressure contact blades with a predetermined shape;
5 a case in which said base board is mounted;
6 a connecting portion provided in said case and including at least one wire; and
7 a plurality of wire fixing portions hugging the at least one wire, with at least one of said wire
8 fixing portions including a pillar portion;

9 wherein said terminals on the base board and said connecting portion in said case are
10 electrically connected ~~as a connector~~ by mounting said base board on the case;

11 wherein positioning portions ~~having~~ have a plurality of pressure contact receiving grooves
12 each being pre-formed with a complimentary shape as the predetermined shape of each of the pair
13 of leading pressure contact blades so as to accommodate each of the pair of leading pressure contact
14 blades;

15 wherein each of said receiving grooves is formed with a groove bottom portion ~~joined by~~ and
16 two slant portions; and

17 wherein the pillar portion extends ~~said wire fixing portions extend~~ upwardly from at least one

of the slant portions of the receiving grooves.

Claim 8 (currently amended): An auxiliary device module comprising:
an auxiliary device;
a base board provided with said auxiliary device and a plurality of terminals each with a pair
of leading pressure contact blades with a predetermined shape;
a case in which said base board is mounted;
a connecting portion provided in said case and including at least one wire; and
a plurality of wire fixing portions hugging the at least one wire;
wherein said terminals on the base board and said connecting portion in said case are
electrically connected by mounting said base board on the case;
wherein positioning portions have a plurality of pressure contact receiving grooves each
being pre-formed with a complimentary shape as the predetermined shape of each of the pair of
leading pressure contact blades so as to accommodate each of the pair of leading pressure contact
blades;
wherein each of said receiving grooves is formed with a groove bottom portion and two slant
portions; and
wherein said wire fixing portions extend upwardly from the slant portions of the receiving
grooves ~~The auxiliary device module according to claim 7, wherein said wire fixing portions~~
comprise:

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19 pillar portions extending upwardly from the slant portions of the receiving grooves; and
20 locking portions on the pillar portions;
21 wherein the at least one wire is at least partly covered by an insulation cover.

1 Claim 9 (currently amended): The auxiliary device module according to claim 8, wherein
2 the locking portions touch a surface of the insulation cover ~~and the pillar portions do not touch the~~
3 ~~surface of the insulation cover.~~

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